=> FILE HCAPLU
FILE 'HCAPLUS' ENTERED AT 11:17:29 ON 01 NOV 2001
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FILE COVERS 1947 - 1 Nov 2001 VOL 135 ISS 19
FILE LAST UPDATED: 31 Oct 2001 (20011031/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

This file supports REGISTRY for direct browsing and searching of all substance data from the REGISTRY file. Enter HELP FIRST for more information.

HCAplus now provides online access to patents and literature covered in CA from 1947 to the present. On April 22, 2001, bibliographic information and abstracts were added for over 2.2 million references published in CA from 1947 to 1966.

=> D QUE L56

L16	253835	SEA FILE=REGISTRY ABB=ON	PACR/PCT
L17	320589	SEA FILE=HCAPLUS ABB=ON	L16
L18	73746	SEA FILE=HCAPLUS ABB=ON	(AQ OR AQUEOUS OR WATER? OR H2O)(6A)DISPERS?
L19	14863	SEA FILE=HCAPLUS ABB=ON	L17 AND L18
L20	13543	SEA FILE=HCAPLUS ABB=ON	L19 AND ?ACRYL?
L21	14863	SEA FILE=HCAPLUS ABB=ON	L19 OR L20
L22	41	SEA FILE=HCAPLUS ABB=ON	L21 AND ((TWO OR 2)(W)PHASE# OR BIPHAS?)
L23	16	SEA FILE=HCAPLUS ABB=ON	L22 AND (PREP OR IMF OR SPN)/RL
L24	4	SEA FILE=HCAPLUS ABB=ON	L22 AND (TG OR GLASS?(3A)TRANS?)
L26	157	SEA FILE=HCAPLUS ABB=ON	L21 AND CHAIN?(3A)TRANSFER?
L27	1	SEA FILE=HCAPLUS ABB=ON	L22 AND L26
L28	83	SEA FILE=HCAPLUS ABB=ON	L26 AND (?MERCAPT? OR ?THIOL? OR SH)
L29	1	SEA FILE=HCAPLUS ABB=ON	L28 AND (PHASES OR BIPHAS?)
L31	3	SEA FILE=HCAPLUS ABB=ON	L22 AND FREE?(3A)RADICAL?
L32	17	SEA FILE=HCAPLUS ABB=ON	L23 OR L24 OR L27 OR L29 OR L31
L33	6	SEA FILE=HCAPLUS ABB=ON	L22 AND EMULS?(4A)POLYMERI?
L34	1	SEA FILE=HCAPLUS ABB=ON	L22 AND (?MERCAPT? OR ?THIOL? OR SH)
L35	17	SEA FILE=HCAPLUS ABB=ON	L32 OR L33 OR L34
L51	614	SEA FILE=HCAPLUS ABB=ON	L18 AND ((2 OR TWO)(2W)PHASE# OR BIPHAS?)
L52	73	SEA FILE=HCAPLUS ABB=ON	L51 AND (L17 OR ?ACRYL?)
L53	26	SEA FILE=HCAPLUS ABB=ON	L52 AND (PREP OR IMF OR SPN)/RL
L54	9	SEA FILE=HCAPLUS ABB=ON	L52 AND (TG OR GLASS?(3A)TRANS? OR CHAIN?(3A)TRANS? OR FREE?(3A)RADICAL?)
L55	11	SEA FILE=HCAPLUS ABB=ON	L52 AND (EMULS?(4A)POLYMERI? OR ?THIOL? OR SH OR ?MERCAPTO?)
L56	33	SEA FILE=HCAPLUS ABB=ON	L35 OR L53 OR L54 OR L55

FILE WPIX
FILE 'WPIX' ENTERED AT 11:17:57 ON 01 NOV 2001

FILE LAST UPDATED: 31 OCT 2001 <20011031/UP>
MOST RECENT DERWENT UPDATE 200164 <200164/DW>
DERWENT WORLD PATENTS INDEX SUBSCRIBER FILE, COVERS 1963 TO DATE

>>> Due to data production difficulties the latest DCR data loaded is for update 200160 <<<

>>> SDI'S MAY BE RUN ON EVERY UPDATE OR MONTHLY AS OF JUNE 2001. (EVERY UPDATE IS THE DEFAULT). FOR PRICING INFORMATION SEE HELP COST <<<

>>> FOR UP-TO-DATE INFORMATION ABOUT THE DERWENT CHEMISTRY RESOURCE, PLEASE VISIT
http://www.derwent.com/chemistryresource/index.html <<<

>>> FOR DETAILS OF THE PATENTS COVERED IN CURRENT UPDATES, SEE http://www.derwent.com/covcodes.html <<<

=> D QUE L49

L37	60858	SEA FILE=WPIX ABB=ON	(AQ OR AQUEOUS OR WATER? OR H2O)(6A)DISPERS?
L38	295	SEA FILE=WPIX ABB=ON	L37 AND ((2 OR TWO)(2W)PHASE# OR BIPHAS?)
L39	23	SEA FILE=WPIX ABB=ON	L38 AND C09D?/IC
L40	5	SEA FILE=WPIX ABB=ON	L39 AND C08F?/IC
L41	118	SEA FILE=WPIX ABB=ON	L38 AND (PAINT# OR ?POLYMER? OR LATEX)
L42	159	SEA FILE=WPIX ABB=ON	L38 AND (PREPAR? OR MANUF? OR SYNTHE?)
L43	72	SEA FILE=WPIX ABB=ON	L41 AND L42
L44	47	SEA FILE=WPIX ABB=ON	L38 AND ?ACRYL?
L45	30	SEA FILE=WPIX ABB=ON	L42 AND L44
L46	3	SEA FILE=WPIX ABB=ON	(L43 OR L45) AND (CHAIN?(3A)TRANS? OR FREE?(3A)RADICAL?)
L47	1	SEA FILE=WPIX ABB=ON	(L43 OR L45) AND (?THIOL? OR ?MERCAPT? OR SH)
L48	3	SEA FILE=WPIX ABB=ON	(L43 OR L45) AND (TG OR GLASS?(3A)TRANSIT?)
L49	9	SEA FILE=WPIX ABB=ON	L40 OR (L46 OR L47 OR L48)

=> FILE RAPRA
FILE 'RAPRA' ENTERED AT 11:18:10 ON 01 NOV 2001

FILE LAST UPDATED: 22 OCT 2001 <20011022/UP>
FILE COVERS 1972 TO DATE

>>> The RAPRA Classification Code is available as a PDF file
>>> and may be downloaded free-of-charge from:
>>> http://www.stn-international.de/stndatabases/details/rapra_classcodes.pdf

=> D QUE L62

L18	73746	SEA FILE=HCAPLUS ABB=ON	(AQ OR AQUEOUS OR WATER? OR H2O)(6A)DISPERS?
L57	16	SEA FILE=RAPRA ABB=ON	L18 AND ((2 OR TWO)(2W)PHASE# OR BIPHAS?)

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L59          1201 SEA FILE=RAPRA ABB=ON  AQUEOUS DISPERSION+NT/CT
L60           446 SEA FILE=RAPRA ABB=ON  TWO-PHASE+NT/CT
L61             2 SEA FILE=RAPRA ABB=ON  L59 AND L60
L62            16 SEA FILE=RAPRA ABB=ON  L57 OR L61

=> DUP REM L56 L49 L62
FILE 'HCAPLUS' ENTERED AT 11:18:29 ON 01 NOV 2001
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PROCESSING COMPLETED FOR L56
PROCESSING COMPLETED FOR L49
PROCESSING COMPLETED FOR L62
L63            55 DUP REM L56 L49 L62 (3 DUPLICATES REMOVED)

=> D L63 ALL 1-55

L63  ANSWER 1 OF 55  HCAPLUS  COPYRIGHT 2001 ACS        DUPLICATE 1
AN   2001:355031  HCAPLUS
DN   134:354598
TI   Aqueous acrylic polymer dispersions for
     abrasion-resistant, glossy coatings
PA   Basf A.-G., Germany
SO   Ger. Offen., 14 pp.
     CODEN: GWXXBX
DT   Patent
LA   German
IC   ICM  C08F002-22
     ICS  C08F220-18; C08J003-03; C09D119-02
CC   42-7 (Coatings, Inks, and Related Products)
FAN.CNT 1
     PATENT NO.        KIND  DATE          APPLICATION NO.  DATE
     ---------------   ----  --------      ---------------  --------
PI   DE 19954619        A1   20010517      DE 1999-19954619 19991112
AB   Aq. acrylic polymer dispersions having
     min.-film-forming temp. <65.degree. and forming coatings with improved
     gloss and abrasion resistance and high blocking resistance and good
     dispersion viscosity are manufd. by sequential emulsion-radical
     polymn. of 2 monomer mixts. that sep. form polymers with different
     theor. Fox Tg's, using .gtoreq.1 chain-
     transfer agent in 1 or the other of the monomer mixts., so that
     the polymer particles formed have 2 phases.
ST   biphase acrylic polymer dispersion coating abrasion
     resistant glossy
IT   Coating materials
        (abrasion-resistant; aq. biphase acrylic
        polymer dispersions for abrasion-resistant, glossy coatings)
IT   Coating materials
        (dispersion; aq. biphase acrylic
        polymer dispersions for abrasion-resistant, glossy coatings)
IT   Polymerization
        (emulsion, radical, two-step; in manuf. of aq.
        biphase acrylic polymer dispersions for
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applicant